

ABSTRACT

An apparatus for the separation of sand from an air stream in a thermal sand removal oven is disclosed. The preferred embodiment of the apparatus comprises a plurality of members comprising two planar members joined to form "V" shaped members. The vertex of the "V" shape points generally in the direction of the air current. The apparatus is installed in the recirculated air stream of a thermal sand removal oven, in a location between the sand molds and the air circulation means. The present invention is also installed in ovens containing metal castings containing sand cores, and ovens containing metal castings both encased in a sand mold and containing a sand core.